

REXAM BEVERAGE CAN COMPANY

PHOENIX, ARIZONA FACILITY

19-Sep-03

NATURAL GAS COMBUSTION & EMISSIONS

Stack Number	Emiss. Unit	Fuel Burning Equipment Description	Percent used for Process Heat	Max. Oven Rating (BTU/hr)	Max. Hourly Gas Use (scf/hr)	Max. Run Hours	Max. Annual Gas Use (scf/yr)	PM		Sulfur Dioxides		Nitrogen Oxides		Volatile Organic Comp		Carbon Monoxide	
								Hourly Emissions (lbs/hr)	PTE Annual (T/yr)								
S001	B	Pin oven 1 (FECO)	100%	4,000,000	3,810	8,760	33,371,429	0.03	0.13	0.00	0.01	0.38	1.67	0.02	0.09	0.32	1.40
S003	C	Pin oven 2 (MOCO)	100%	2,500,000	2,381	8,760	20,857,143	0.02	0.08	0.00	0.01	0.24	1.04	0.01	0.06	0.20	0.88
S005	C	Pin oven 3 (MOCO)	100%	2,500,000	2,381	8,760	20,857,143	0.02	0.08	0.00	0.01	0.24	1.04	0.01	0.06	0.20	0.88
PRINTER OVENS								0.07	0.29	0.01	0.02	0.86	3.75	0.05	0.21	0.72	3.15
S002	E	IBO 1 (MOCO)	100%	3,000,000	2,857	8,760	25,028,571	0.02	0.10	0.00	0.01	0.29	1.25	0.02	0.07	0.24	1.05
S006	F	IBO 2 (FECO)	100%	5,200,000	4,952	8,760	43,382,857	0.04	0.16	0.00	0.01	0.50	2.17	0.03	0.12	0.42	1.82
S007	G	IBO 3 (MOCO)	100%	5,200,000	4,952	8,760	43,382,857	0.04	0.16	0.00	0.01	0.50	2.17	0.03	0.12	0.42	1.82
IBOS								0.10	0.42	0.01	0.03	1.28	5.59	0.07	0.31	1.07	4.70
S004	H	Cataytic Oxidizer	100%	9,000,000	8,571	8,760	75,085,714	0.07	0.29	0.01	0.02	0.86	3.75	0.05	0.21	0.72	3.15
OXIDIZERS								0.07	0.29	0.01	0.02	0.86	3.75	0.05	0.21	0.72	3.15
S008	I	Washer Oven	100%	3,600,000	3,429	8,760	30,034,286	0.03	0.11	0.00	0.01	0.34	1.50	0.02	0.08	0.29	1.26
S009	I	Washer Oven	100%	3,200,000	3,048	8,760	26,697,143	0.02	0.10	0.00	0.01	0.30	1.33	0.02	0.07	0.26	1.12
WASHER OVENS								0.05	0.22	0.00	0.02	0.65	2.84	0.04	0.16	0.54	2.38
S010	J	Boiler	100%	3,500,000	3,333	8,760	29,200,000	0.03	0.11	0.00	0.01	0.33	1.46	0.02	0.08	0.28	1.23
BOILERS								0.03	0.11	0.00	0.01	0.33	1.46	0.02	0.08	0.28	1.23
TOTAL								0.30	1.32	0.02	0.10	3.97	17.39	0.22	0.96	3.34	14.61

Notes:

Maximum BTU/hr ratings from equipment.

Max. gas usage based on maximum BTU/hr ratings.

Max Run Hours 8,760 hours/yr

Heat value: 1,050 BTU/scf natural gas

Emission Factors from AP-42, Tables 1.4-1 and 1.4-2

Industrial/Natural Gas/Less than 10 MMBTU/hr

PM 7.6 #/1000000 scf fuel use

SOx 0.6 #/1000000 scf fuel use

NOx 100 #/1000000 scf fuel use

VOC 5.5 #/1000000 scf fuel use

CO 84 #/1000000 scf fuel use

Notes:

Maximum BTU/hr ratings from equipment.

Max. gas usage based on maximum BTU/hr ratings.